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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,709	08/05/2003	Herve Guy Bricaud	CPI-0108	1892
7590	06/30/2004		EXAMINER	
LEON D. ROSEN FREILICH, HORNBAKER & ROSEN Suite 1220 10960 Wilshire Blvd. Los Angeles, CA 90024			LE, THANH TAM T	
			ART UNIT	PAPER NUMBER
			2839	
DATE MAILED: 06/30/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/635,709	Applicant(s) BRICAUD ET AL.	
	Examiner Thanh-Tam T. Le	Art Unit 2839	

-- **Th MAILING DATE of this communication app ars on th cover sheet with the correspondenc address --**
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☒ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/17/03</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1, lines 5-6 and 14, what "that" refers to?

Claim 1, lines 9-12, "one contact of each pair.....with the upper contact portions of a pair that is perpendicular to same vertical plane" are unclear and confusing. How's each pair just have one contact; "the upper contact portions" lacks an antecedent basis; what's difference between "each pair" and "a pair"?; what's "that" refer to?

Claim 1, lines 16-18, "to position ...from the vertical plane of the contact by half of spacing" are confusing. Which's vertical plane refer to? Refer to the upper contact or the lower contact?

Claim 1, line 18, "the termination ends" lacks an antecedent basis.

Claim 3, lines 2 and 6, "each of said upper contact portions" and "each of said contacts", these contacts are the same as the contact that claim in claim 1?

Claim 4 is confusing.

Claims 5 and 9, lines 4 and 5, "an elongated deflectable strip" and "a termination end" should be changed -- the elongated deflectable strip" and --the termination end --.

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Claim 6, lines 7 and 9, "each contact" is the same as "each contact" that discloses in line 6?

Claim 6, line 7, "the other column" lacks an antecedent basis.

Claim 6, line 10, "engaging another device" should be changed -- engaging to another device --.

Claim 6, lines 13 and 14, "the elongated upper strip sections"; said lateral direction: and "the elongated deflectable strip sections" lack an antecedent basis.

Claim 6, lines 17 and 19, "said centerline", which's one? The centerline that lies between the columns or the centerline generally lying halfway between the edges?.

Claim 6, line 19, "an acute angle" is the same as "an acute angle" that discloses in lines 14-15?

Claim 7, line 3, "said centerline", which's one?

Claim 8 is unclear and confusing.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-9, insofar as that can be understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Bricaud et al. (5,746,607).

Bricaud et al., figures 3 and 8, disclose:

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- a circuit board (10) having conductive traces (102);
- a connector (16);
- an insulative frame (24) including first and second columns of contacts (26 and 26');
- a centerline that lies between the columns;
- each contact being formed of a metal strip having opposite edges and a centerline that generally lying halfway between the opposite edges;

wherein the each contact having an upper portion (30) with an elongated upper strip section and a lower portion (86) with an elongated deflectable strip section with a termination end (54) for engaging one of the circuit board traces.

Conclusion

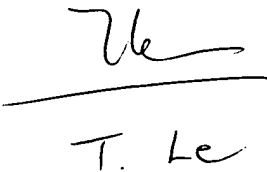
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh-Tam T. Le whose telephone number is 571-272-2094. The examiner can normally be reached on 7:30-5:00.

6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TL.
6/26/04.



A handwritten signature, possibly "T. Le", is written above a horizontal line. Below the line, the text "T. Le" is printed in a matching script.